

Title (en)
ELECTROMAGNETICALLY ACTUATED VALVE

Title (de)
ELEKTROMAGNETISCH BETÄTIGTES VENTIL

Title (fr)
SOUPAPE ÉLECTROMAGNÉTIQUE

Publication
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Application
EP 15711516 A 20150323

Priority
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Abstract (en)
[origin: WO2015154974A2] The invention relates to an electromagnetically actuated valve (1) comprising a valve slide (2, 3, 4) having a magnet armature (2), which valve slide is designed to close a sealing seat (10) in a fluid channel (11) of the valve (1) by means of a first axial end (9) in a closing position, and a sealing element (5) having a bellows (6), which sealing element is arranged between the sealing seat (10) and the first axial end (9) of the valve slide (2, 3, 4) and separates the valve slide (2, 3, 4) from the fluid channel (11) in a fluid-tight manner. The magnet armature (2) is supported in the valve (1) substantially without contact in that the valve slide (2, 3, 4) has, at a second axial end (8) opposite the first axial end (9), a guide pin (3) protruding from the magnet armature (2) in an axial direction, which guide pin is supported in such a way that the guide pin can slide in the axial direction, and in that the valve slide (2, 3, 4) is oriented in a radial direction and supported in such a way that the valve slide is movable in the axial direction on a side of the magnet armature (2) facing the first axial end (9) of the valve slide (2, 3, 4) by means of at least one spring element (7).

IPC 8 full level
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